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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOL. V. No. 4 McKEE PRINT. April, 1957

Production of crude oil and condensate from the oil and gas areas of Montana for the month of April, 1957, averaged 72,283 barrels daily, a decrease of 520 barrels from the average March production of 72,803.

The eleven refineries in the State processed 39,698 barrels of crude oil daily for the month of April, 1957, a decrease of 22,841 barrels daily from the 62,539 barrels processed daily during the month of March, 1957.

During April, 30 wells were completed, 15 oil, 1 gas well and 14 dry holes.

During April, the Commission issued 33 permits to drill new wells, an increase of 5 from the 28 permits issued during March.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF APRIL, 1957

IN STORAGE APRIL 1st:	
By Producers	342,456
By Transporters	636,795
By Refiners	637,001
TOTAL STORAGE	1,616,252
Produced in Montana During Month	2,168,518
Imported During Month	548,497
TOTALS	4,333,267
DISPOSITION:	
Refined in Montana	1,190,927
Exported	1,420,816
Used for Fuel or Lost	13,329
TOTALS	2,625,072
IN STORAGE APRIL 30th:	
By Producers	340,950
By Transporters	612,054
By Refiners	755,191
TOTAL STORAGE	1,708,195

NATURAL GAS WITHDRAWALS IN MONTANA

Month of April, 1957

Field	M Cu. Ft.
Bears Den	0
Big Coulee	31,461
Bowdoin	109,879
Bowes	58,112
Box Elder	0
Cabin Creek (Jan. 1 to April 30)	99,710
Cedar Creek	283,981
Cut Bank (Including Reagan)	1,043,605
Devon	0
Dry Creek	191,614
Elk Basin	25,853
Flat Coulee	40,087
Golden Dome	5,488
Hardin	3,959
Keith Block	191,741
Kevin-Sunburst	98,550
Pine (Jan. 1 to April 30)	211,345
Plevna	18,723
Utopia	60,934
Whitlash	142,187
Miscellaneous	41,381
TOTAL	2,658,610

Total Withdrawals for April, 1956, were 2,299,463 M Cu. Ft.

PRODUCER'S REPORT

MONTH OF APRIL, 1957

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	928	2,580	.....	2,523	.....	985
2	Bannatyne	3	.....	1,029	.....	1,029	.....	.....
10	Big Wall	26	5,480	18,176	.....	19,994	52	3,610
4	Border	8	.....	902	.....	902	.....	.....
11	Bowes	75	3,730	23,414	22,642	.....	.....	4,502
....	Brady-Midway	.....	.....	.....	.....	.....	.....	.....
3	Bredette	3	2,867	4,210	4,244	.....	71	2,762
5	North Bredette	5	4,234	13,733	9,528	3,571	.....	4,868
1	Brorson	2	2,162	2,197	2,332	.....	.....	2,027
....	Bynum	.....	119	.....	.....	.....	6	113
2	Cabin Creek	45	16,478	296,488	292,036	.....	4,802	16,128
29	Cat Creek	87	5,022	14,479	14,256	.....	.....	5,245
1	Clark's Fork	1	780	620	.....	849	.....	551
2	Clark's Fork, North	3	3,062	12,191	.....	11,448	.....	3,805
2	Cupton	2	1,472	1,925	2,762	.....	.....	635
349	Cut Bank	1,125	126,017	212,319	218,788	.....	6	119,542
3	Deer Creek	5	1,747	6,967	6,671	.....	.....	2,043
2	Delphia	2	609	8,512	.....	7,439	.....	1,682
1	Devil's Basin	2	484	265	.....	260	.....	489
6	Dry Creek	6	1,181	9,105	8,548	.....	.....	1,738
20	Elk Basin	58	10,227	143,704	142,752	.....	.....	11,179
3	Fertile Prairie	3	1,277	2,970	.....	2,260	.....	1,987
2	Frannie	2	177	2,226	2,013	.....	.....	390
1	Gage	1	1,017	129	.....	283	.....	863
3	Gas City	12	4,851	32,723	33,719	.....	.....	3,855
6	Glendive	12	5,923	37,420	36,496	.....	.....	6,847
....	Golden Dome	.....	378	.....	.....	.....	378	.....
4	Ivanhoe	10	4,304	33,367	.....	33,226	.....	4,445
205	Kevin-Sunburst	1,400	16,856	81,776	82,991	.....	157	15,484
....	Lake Basin	.....	318	.....	.....	318	.....	.....
1	Little Beaver	6	1,810	23,000	22,273	.....	.....	2,537
2	East Little Beaver	2	1,140	2,178	2,252	.....	.....	1,066
3	Melstone	5	2,113	5,814	.....	5,870	89	1,968
2	Mosser	6	.....	943	.....	943	.....	.....
3	Outlook Area	3	449	9,223	.....	5,840	.....	3,832
10	Pennel	20	7,435	60,804	58,651	.....	1,303	8,285
4	Pine	98	21,310	431,198	428,166	.....	2,759	21,583
68	Pondera	321	8,525	50,211	49,620	.....	.....	9,116
11	East Poplar	91	29,904	395,461	370,861	27,358	273	26,873
4	Northwest Poplar	3	1,172	1,826	.....	1,208	.....	1,790
4	Ragged Point	7	3,026	8,380	.....	7,699	.....	3,707
....	Rattlesnake Butte	.....	399	.....	.....	.....	.....	399
4	Reagan	43	3,670	17,328	17,942	.....	.....	3,056
....	Repeat	.....	645	.....	.....	.....	.....	645
4	Richey	8	4,058	9,998	9,848	.....	.....	4,208
....	Rudyard	.....	35	.....	.....	.....	27	8
2	Snyder	4	1,427	2,738	.....	2,721	11	1,433
5	Soap Creek	18	2,846	12,868	.....	10,025	.....	5,689
1	Southwest Richey	3	1,747	5,420	5,466	.....	153	1,548
17	Sumatra	56	13,202	105,269	102,077	3,735	.....	12,659
4	Sweetgrass Hills	4	780	432	.....	516	.....	696
....	Utopia	.....	2	.....	.....	.....	.....	2
10	Whitlash	28	6,162	9,218	8,769	1,527	.....	5,084
....	Wibaux	.....	125	.....	.....	.....	.....	125
8	Wolf Springs	20	7,693	48,435	37,004	10,790	840	7,494
2	Woodrow	2	636	4,215	3,911	.....	.....	940
2	Yellowstone	2	445	132	.....	145	.....	432
849		3,652	342,456	2,168,518	1,996,618	162,479	10,927	340,950

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1956	21,759,561	59,615	21,585,574	59,139
First Quarter, 1957	6,374,172	71,620	6,318,255	70,992
April 30, 1957	2,168,518	72,283	2,159,097	71,969

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1956	324,681	618,681	768,496	1,711,858
March 31, 1957	342,456	636,795	637,001	1,616,252
April 30, 1957	340,950	612,054	755,191	1,708,195

*Includes Wyoming Oil.

TRANSPORTER'S REPORT
MONTH OF APRIL, 1957

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Trucks			2,523				2,523		
BANNATYNE—Trucks			1,029			1,029			
BIG WALL—Trucks			19,994			11,828	8,166		
BORDER—Trucks			902			902			
BOWES—									
Trigood Oil Company	3,654	5,703			26		3,041		6,290
The Texas Company		16,939				16,939			
	3,654	22,642			26	16,939	3,041		6,290
BRORSON—Sun Oil Company		2,332					2,332		
CABIN CREEK AND OTHERS*—									
Butte Pipe Line Company	309,932	770,654		515,770	14		1,302,833		293,509
Shell Pipeline Corp.	5,160	86,715			90			90,219‡	1,566
	315,092	857,369		515,770	104		1,302,833	90,219	295,075
CAT CREEK—									
Continental Pipeline Co.	5,408	10,294			14	9,126			6,562
Wm. Hanlon		3,962				3,962			
	5,408	14,256			14	13,088			6,562
CLARK'S FORK—Trucks			12,297			2,205	10,092		
CUT BANK—									
Big West Oil Company		2,957		19,495		22,452			
Darling Gathering System, Inc.	5,071	16,159				16,605			4,625
Phillips Petroleum Company	14,920	41,040			431	21,724		27,677	6,128
Texas Pipe Line Co.	94,203	49,935		52,396	896	82,383		27,249	86,006
Toronto Pipeline Company	24,586	60,129						57,071	27,644
Union Oil Company	104,809	47,255		40,106	314	96,380			95,476
	243,589	217,475		111,997	1,641	239,544		111,997	219,879
DEVIL'S BASIN—Trucks			260			260			
DELPHIA—Trucks			7,439			7,439			
DRY CREEK—Ohio Oil Company	6,954	8,726			(55)	7,307			8,428
ELK BASIN—Ohio Oil Company		142,752				102,410	40,342		
FERTILE PRAIRIE—Trucks			2,260				2,260		
FRANNIE—Ohio Oil Company		2,013					2,013		
GAGE—Trucks			283			283			
GLENDIVE, DEER CREEK and WOODROW—									
The Texas Pipeline Company	5,102	46,550			14			48,594‡	3,044
IVANHOE—Trucks			33,226			30,267	2,959		
KEVIN-SUNBURST									
Big West Oil Company	2,116	38,020				38,040			2,096
Homestake Oil & Gas Company	906	3,341				3,935			312
The Texas Pipeline Company	7,884	40,275		1,540	(61)	41,879			7,881
Anna Aronow	27	1,543						1,540	30
	10,933	83,179		1,540	(61)	83,854		1,540	10,319
LAKE BASIN—Trucks			318			318			
MELSTONE—Trucks			5,870			5,870			
Mosser—Trucks			943				943		
OUTLOOK AREA			5,840		315		5,525		
PONDERA—									
Phillips Petroleum Company	8,829	49,924			(3,244)	45,342			16,655
POPLAR and BREDETTE—									
East Poplar Gathering System	13,239	384,633			(584)			376,957‡	21,499
Trucks			32,137				32,137		
	13,239	384,633	32,137		(584)		32,137	376,957	21,499
RAGGED POINT—Trucks			7,699			7,699			
REAGAN—Union Oil Company		17,942				17,942			
SNYDER—Trucks			2,721			806	1,915		
SOAP CREEK—Trucks			10,025			10,025			
SUMATRA—									
Powder River Pipeline, Inc.	20,820	102,077			510	106,172			16,215
Trucks			3,735				3,735		
	20,820	102,077	3,735		510	106,172	3,735		16,215
SWEETGRASS HILLS—Trucks			516			516			
WHITLASH—									
Homestake Oil & Gas Company	1,045	182		9,751	(5)	8,572			2,411
Western Natural Gas Company	1,185	8,587			(230)			9,751	251
Trucks			1,527			1,527			
	2,230	8,769	1,527	9,751	(235)	10,099		9,751	2,662
WOLF SPRINGS—									
Powder River Pipe Line Co.	945	37,004			184	32,339			5,426
Trucks			10,790			10,790			
	945	37,004	10,790		184	43,129			5,426
YELLOWSTONE—Trucks			145			145			
TOTALS	636,795	1,997,643	162,479	639,058	(1,371)	765,418	1,420,816	639,058	612,054

*Cabin Creek, Cupton, Gas City, Little Beaver, East Little Beaver, Pennel, Pine, Repeat, Richey and Southwest Richey Fields.
‡Transferred to Butte Pipe Line Co.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF APRIL, 1957

Fields	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phil. Petr. Co.	The Texas Co.	Texas Calgary Co.	Union Oil Co.	Unity Petr. Co.	Total by Fields
Bannatyne	.....	.....	.....	.....	.....	.....	1,029	.....	.....	.....	.....	1,029
Big Wall	.....	.....	.....	.....	10,698	.....	.....	.....	.....	.....	.....	10,698
Bowes	.....	.....	.....	14,355	.....	.....	278	.....	.....	.....	.....	14,633
Cat Creek	.....	.....	9,115	.....	.....	3,741	.....	.....	.....	.....	.....	12,856
Clark's Fork	.....	.....	.....	.....	2,677	.....	.....	.....	.....	.....	.....	2,677
Cut Bank	22,452	.....	.....	.....	.....	.....	21,720	27,286	.....	93,789	.....	165,247
Delphia	.....	.....	.....	.....	.....	7,444	.....	.....	.....	.....	.....	7,444
Devil's Basin	.....	.....	.....	.....	.....	.....	.....	.....	261	.....	.....	261
Dry Creek	.....	.....	.....	.....	8,040	.....						8,040
Elk Basin	.....	70,660	31,752	.....	.....	.....	.....	.....	.....	.....	.....	102,412
Gage	.....	.....	.....	.....	283	.....	.....	.....	.....	.....	.....	283
Ivanhoe	.....	.....	.....	.....	11,890	.....	.....	.....	.....	16,727	.....	28,617
Kevin-Sunburst	17,852	.....	.....	.....	.....	.....	.....	3,324	.....	.....	.....	21,176
Lake Basin	.....	.....	.....	.....	318	.....	.....	.....	.....	.....	.....	318
Melstone	.....	.....	.....	.....	.....	6,786	.....	.....	.....	.....	.....	6,786
Pondera	147	.....	.....	.....	.....	.....	45,288	.....	.....	.....	.....	45,435
Ragged Point	.....	.....	.....	.....	5,882	.....	.....	.....	.....	.....	.....	5,882
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,942	.....	17,942
Snyder	.....	.....	.....	.....	.....	.....	.....	.....	806	.....	.....	806
Soap Creek	.....	.....	.....	.....	.....	.....	.....	.....	8,353	.....	.....	8,353
Sumatra	.....	.....	687	.....	93,935	.....	.....	.....	.....	.....	.....	94,622
Sweetgrass Hills	518	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	518
Whitlash	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,527	.....	1,527
Wolf Springs	.....	26,777	.....	.....	.....	.....	5,958	.....	.....	.....	.....	32,735
Total Montana Oil	40,969	97,437	41,554	14,355	133,723	17,971	74,273	30,610	9,420	129,985	.....	590,297
Canadian Oil Imported	.....	.....	.....	.....	.....	.....	2,155	.....	.....	4,423	779	7,357
Wyoming Oil Imported	.....	143,502	199,536	.....	248,475	1,760	.....	.....	.....	.....	.....	593,273
TOTAL Montana, Canadian and Wyoming Oil	40,969	240,939	241,090	14,355	382,198	19,731	76,428	30,610	9,420	134,408	779	1,190,927

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year, 1956	24,735	239	37,486	62,460
April, 1956	17,993	255	17,078	35,326
April, 1957	19,677	245	19,776	39,698

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
39.60%	.39%	60.01%
50.93%	.72%	48.35%
49.57%	.62%	49.81%